

FORM PTO-1449	Atty. Docket No.: S01.12-0643	Serial No.: 09/733,405
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant:
		Brian Pollock
Filing Date		Group Art:
December 8, 2000		4741 2651

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriated
AA	3,725,764	4/3/73	Oswald	318	629	
AB	3,863,124	1/28/75	Pierce et al.	318	638	
AC	3,914,541	10/21/75	Elliott	178	6.6	
AD	4,030,132	6/14/77	Iftikar et al.	360	78	
AE	4,103,314	7/25/78	Case	360	78	
AF	4,135,217	1/16/79	Jacques et al.	360	77	
AG	4,149,199	4/10/79	Chick et al.	360	77	
AH	4,217,612	8/12/80	Matla et al.	360	78	
AI	4,314,295	2/2/82	Frandsen	360	106	RECEIVED
AJ	4,329,712	5/11/82	Lang	358	128.5	JUN 30 2003
AK	4,355,266	10/19/82	Pearson	318	85	Technology Center 2600

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
AA	AL	0 130 248 A1	1/9/85	EPO			X
AA	AM	0 540 114 A1	5/5/93	EPO			X
AA	AN	0 549 814 A1	7/93	EPO			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	AO	Recording Properties of Multilayered Thin Film Media, by D.C. Palmer, K.E. Johnson, E.Y. Wu, and J.V. Peske, IEEE Transactions On Magnetics, Vol. 27, No. 5 November 1991, pp. 5307-5309.
AA	AP	Evolution of The Soft Error Rate Model, by P. Hardy and D.J. Malone, IEEE Transactions On Magnetics, Vol. 27, No. 6, November 1991, pp. 5313-5315.
AA	AQ	Error Rate Performance of Experimental Gigabit Per Square Inch Recording Components, by T.D. Howell, D.P. McCown, T.A. Diola, Y. Tang, K.R. Hense, and R.L. Gee, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2298-2302.

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DATE CONSIDERED:

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ATF	BA 4,371,960	2/1/83	Kroiss	369	43	
ATF	BB 4,396,961	8/2/83	Prasad et al.	360	78	
ATF	BC 4,414,589	11/8/83	Oliver et al.	360	77	
ATF	BD 4,456,934	6/26/84	Wedman et al.	360	78	
ATF	BE 4,485,418	11/27/84	Bremmer	360	77	
ATF	BF 4,497,047	1/29/85	Fujiie et al.	369	45	
ATF	BG 4,513,333	4/23/85	Young et al.	360	77	
ATF	BH 4,524,397	6/18/85	Bond	360	75	
ATF	BI 4,562,494	12/31/85	Bond	360	75	RECEIVED
ATF	BJ 4,575,776	3/11/86	Stephens et al.	360	78	
ATF	BK 4,605,977	8/12/86	Matthews	360	103	JUN 30 2003

## FOREIGN PATENT DOCUMENTS

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		Document No.	Date	Country	Class	Sub Class	Translation Yes No
ATF	BL GB 2 060 217 A	4/27/81	United Kingdom				
ATF	BM DE 3900683A	1/12/89	Germany				
ATF	BN WO 91/06096	5/2/91	PCT				X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ATF	BO	A Track Density Model for Magnetoresistive Heads Considering Erase Bands, by J.K. Lee and P.I. Bonyhard, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2475-2477.
ATF	BP	Demonstration Of 500 Megabits Per Square Inch With Digital Magnetic Recording, by Roy A. Jensen, Joost Mortelmans, and Robin Hauswitzer, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2169 - 2171.
ATF	BQ	IBM's Next Generation Magnetoresistive Heads, 1987

EXAMINER: Andy J. IngleDATE CONSIDERED: 9/30/03

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	December 8, 2000	17412651

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AAJ	CA 4,616,276	10/7/86	Workman	360	77	
AAJ	CB 4,620,244	10/28/86	Krause	360	77	
AAJ	CC 4,620,252	10/28/86	Bauck et al.	360	106	
AAJ	CD 4,633,345	12/30/86	Keener	360	77	
AAJ	CE 4,636,885	1/13/87	Yamada et al.	360	78	
AAJ	CF 4,677,602	6/30/87	Okano et al.	369	32	
AAJ	CG 4,679,103	7/7/87	Workman	360	77	
AAJ	CH 4,697,127	9/29/87	Stich et al.	318	561	
AAJ	CI 4,697,213	9/29/87	Kitamura	360	78	RECEIVED
AAJ	CJ 4,706,250	11/10/87	Patel	371	39	JUN 30 2003
AAJ	CK 4,727,533	2/23/88	Erbert	369	112	Technology Center 2600

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
AAJ	CL	WO 93/06595	4/1/93	WIPO			X
AAJ	CM	WO 97/45833	12/4/97	WIPO			X
AAJ	CN	1,713,268	3/12/91	England			X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

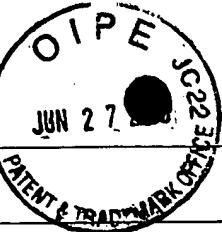
AAJ	CO	Magnetoresistive Read Magnetic Recording Head Offtrack Performance Assessment, by P.I. Bonyhard and J.K. Lee, IEEE Transactions On Magnetics, Vol. 26, November 1990, pp. 2448 - 2450.
AAJ	CP	Design Issues For Practical Rigid Disk Magnetoresistive Heads, by P.I. Bonyhard. IEEE, Transactions On Magnetics, Vol. 26, No. 6, November 1990, pp. 3001 - 3003.
AAJ	CQ	TMR and Squeeze at Gigabit Areal Densities, by Patrick C. Arnett and Don McCown, IEEE Transactions On Magnetics, Vol. 28, No. 4, July 1992, pp. 1984 - 1986.
AAJ	CR	Window-Shifting Mechanism In Data Separator, IBM Technical Disclosure Bulletin, Vol. 30, No. 6, November 1987.

EXAMINER: Andrew J. H. L.

DATE CONSIDERED:

9/30/03

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Filing Date		Group Art:
December 8, 2000		2651

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ATJ	DA 4,764,860	8/16/88	Takao	369	43	
ATB	DB 4,786,990	11/22/88	Overton et al.	360	65	
ATC	DC 4,788,608	11/29/88	Tsujisawa	360	77	
ATH	DD 4,791,599	12/13/88	Hethuin et al.	364	728.07	
ATF	DE 4,803,572	2/7/89	Haruna et al.	360	60	
ATG	DF 4,816,938	3/28/89	Cowen et al.	360	75	
ATJ	DG 4,822,139	4/18/89	Yshizumi	350	257	
ATK	DH 4,878,135	10/31/89	Makino et al.	360	78.04	
ATL	DI 4,897,840	1/30/90	Weiss et al.	371	40.1	
ATM	DJ 4,924,165	5/8/90	Kohno	318	592	
ATN	DK 4,947,272	8/7/90	Yokozawa	360	77	
ATL	DL 4,956,831	9/11/90	Sarraf et al.	369	32	
ATM	DM 4,965,782	10/23/90	Mathews	369	48	
ATL	DN 5,046,060	9/3/91	Chow et al.	369	44.32	
ATL	DO 5,055,731	10/8/91	Nihei et al.	310	309	
ATL	DP 5,056,074	10/8/91	Tateishi et al.	369	44.28	
ATL	DQ 5,062,023	10/29/91	Squire	360	78.04	
ATL	DR 5,073,885	12/17/91	Ito et al.	369	44.28	RECEIVED
ATL	DS 5,081,552	1/14/92	Glaser et al.	360	98.01	JUN 30 2003

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) **Technology Center 2600**

ATL	DT	U.S. Provisional Patent Application No. 60/170,240 entitled "VIRTUAL TRACKS FOR REPEATABLE RUNOUT (RRO) MANAGEMENT" filed December 10, 1999
ATL	DU	U.S. Provisional Patent Application No. 60/198,166, entitled 'ECCENTRIC SERVO TRACK REFERENCING" filed April 17, 2000

EXAMINER: Andrew J. Shytle DATE CONSIDERED: 9/26/03

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	Filing Date December 8, 2000	Group Art: 1741 2051

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	EA 5,089,757	2/18/92	Wilson	318	560	
AA	EB 5,122,718	6/16/92	Sawata	318	621	
AA	EC 5,146,372	9/8/92	Cronch et al.	360	51	
AA	ED 5,161,077	11/3/92	Jabbari	360	106	
AA	EE 5,164,863	11/17/92	Janz	360	57	
AA	EF 5,185,681	2/9/93	Volz et al.	360	77.05	
AA	EG 5,187,620	2/16/93	Notake et al.	360	77.04	
AA	EH 5,189,578	2/23/93	Mori et al.	360	106	
AA	EI 5,197,058	3/23/93	Bell, Jr. et al.	369	44.28	
AA	EJ 5,198,948	3/30/93	Stover et al.	360	124	
AA	EK 5,204,793	4/20/93	Plonczak	360	97.01	
AA	EL 5,216,559	6/1/93	Springer	360	106	
AA	EM 5,233,487	8/3/93	Christensen et al.	360	77.04	
AA	EN 5,241,433	8/31/93	Anderson et al.	360	77.04	
AA	EO 5,247,501	9/21/93	Hashimoto et al.	369	44.11	
AA	EP 5,257,149	10/26/93	Meyer	360	78.14	
AA	EQ 5,270,885	12/14/93	Satoh et al.	360	77.04	
AA	ER 5,274,511	12/28/93	Ikeda	360	55	
AA	ES 5,287,234	2/15/94	Suzuki	360	78.04	
AA	ET 5,287,225	2/15/94	Jorgenson	360	106	RECEIVED
AA	EU 5,299,026	3/29/94	Vincett et al.	358	401	JUN 3 0 2003

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AA	EV	"Automated Tuning Concepts for Iterative Learning and Repetitive Control Laws" by R. Longman et al., PROCEEDINGS OF THE 37TH IEEE CONFERENCE ON DECISION AND CONTROL, pgs. 192-198, (August 1998).
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EXAMINER: Andrew J. Hurd DATE CONSIDERED: 9/20/03

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Sheet 6 of 9

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
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	December 8, 2000	1741-2651

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
RA	5,303,105	4/12/94	Jorgenson	360	106	
RA	5,305,160	4/19/94	Funches et al.	360	78.07	
RA	5,311,378	5/10/94	Williams et al.	360	77.03	
APL	5,367,513	11/22/94	Bates et al.	369	44.29	
RA	5,379,171	1/3/95	Morehouse et al.	360	10.5	
RA	5,400,201	3/21/95	Pederson	360	135	
RA	5,404,253	4/4/95	Painter	360	77.04	
RA	5,416,658	5/26/95	Sega et al.	360	106	
RA	5,444,582	8/22/95	Suzuki	360	78.09	
RA	5,444,583	8/22/95	Ehrlich et al.	360	78.09	
RA	5,455,724	10/3/95	Suzuki et al.	360	77.04	
RA	5,465,182	11/7/95	Ishikawa	360	75	
RA	5,465,183	11/7/95	Hattori	360	78.9	
RA	5,521,773	5/28/96	Suzuki et al.	360	77.04	
RA	5,521,778	5/28/96	Boutaghous et al.	360	106	
RA	5,523,902	6/4/96	Pederson	360	77.80	
RA	5,535,072	7/9/96	Witt et al.	360	99.06	
RA	5,539,714	7/23/96	Andres, Jr. et al.	369	44.26	

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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Technology Center 2600	Translation Yes	Translation No
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER: <i>Christopher. Higley</i>	DATE CONSIDERED: <i>9/30/03</i>

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Sheet 7 of 9

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## U.S. PATENT DOCUMENTS

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AA	GA 5,541,784	6/30/96	Cribbs et al.	360	75	
AA	GB 5,550,685	8/27/96	Drouin	360	77.08	
AA	GC 5,553,086	9/3/96	Sompel et al.	371	47.1	
AA	GD 5,576,909	11/19/96	Dierkes et al.	360	78.09	
AA	GE 5,585,976	12/17/96	Pham	360	77.04	
AA	GF 5,602,689	2/11/97	Kadlec et al.	360	78.04	
AA	GG 5,608,586	3/4/97	Sri-Jayantha et al.	360	77.04	
AA	GH 5,610,487	3/11/97	Hutsell	318	560	
AA	GI 5,610,777	3/11/97	Dang et al.	360	77.03	
AA	GJ 5,638,230	6/10/97	Kadlec	360	78.04	
AA	GK 5,646,797	7/8/97	Kadlec et al.	360	75	
AA	GL 5,648,738	7/15/97	Welland et al.	327	307	
AA	GM 5,675,450	10/7/97	Kadlec	360	78.09	
AA	GN 5,677,809	10/14/97	Kadlec	360	78.09	
AA	GO 5,680,272	10/21/97	Kadlec et al.	360	78.04	
AA	GP 5,684,650	11/4/97	Kadlec et al.	360	77.06	
AA	GQ 5,706,265	1/6/98	Bang	369	50	
AA	GR 5,708,581	1/13/98	Martinez	364	164	RECEIVED
AA	GS 5,574,354	5/19/98	Tomita et al. Kohchi	360 325	164 105	JUN 30 2003

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## FOREIGN PATENT DOCUMENTS

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EXAMINER: andrea j. higby | DATE CONSIDERED: 9/30/03

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Sheet 8 of 9

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
HA	5,774,294	6/30/98	Fioravanti	360	75	
HB	5,774,297	6/30/98	Hampshire et al.	360	77.04	
HC	5,777,816	7/7/98	Hampshire et al.	360	77.08	
HD	5,793,559	8/11/98	Shepherd et al.	360	78.09	
HE	5,796,535	8/18/98	Tuttle et al.	360	51	
HF	5,796,542	8/18/98	Szeremeta	360	77.02	
HG	5,815,332	9/29/98	Suzuki et al.	360	48	
HH	5,822,147	10/13/98	Kisaka	360	77.08	
HI	5,825,578	10/20/98	Shrinkle et al.	360	77.08	
HJ	5,826,338	10/27/98	Chilton et al.	30	90.1	
HK	5,828,515	10/27/98	Kim	360	78.06	
HL	5,835,300	11/10/98	Murphy et al.	360	77.05	
HM	5,835,302	11/10/98	Funches et al.	360	78.07	
HN	5,844,743	12/1/98	Funches	360	78.04	
HO	5,854,722	12/29/98	Cunningham et al.	360	77.04	
HP	5,883,749	3/16/99	Park	360	75	RECEIVED

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## FOREIGN PATENT DOCUMENTS

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		December 8, 2000	1741 2651

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PL	IA 5,886,846	3/23/99	Pham et al.	360	78.04	
PL	IB 5,898,286	4/27/99	Clare et al.	318	569	
PL	IC 5,940,239	8/17/99	Lee et al.	360	77.02	
PL	ID 5,940,240	8/17/99	Kupferman	360	77.08	
PL	IE 5,949,605	9/7/99	Lee et al.	360	77.04	
PL	IF 5,949,608	9/7/99	Hunter	360	78.09	
PL	IG 5,956,201	9/21/99	Pham et al.	360	78.09	
PL	IH 5,969,494	10/19/99	Kang	318	610	
PL	II 5,978,169	11/2/99	Woods	360	77.04	
PL	IJ 5,926,338	7/20/99	Jeon et al.	360	77.04	
PL	IK 5,978,169	11/2/99	Woods	360	77.04	
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